Exploring Aeronautics						
2005 Science						
Content Standards						
Alaska Science						
Grades K-12						
Activity/Lesson	State	Standards				
			develop an understanding of motions, forces,			
Fundamentals of		00114.40.0.4	their characteristics and relationships, and			
Aeronautics (145-176)	AK	SCI.K-12.B.4	natural forces and their effects.			
Airealana Cantral/200			develop an understanding of motions, forces,			
Airplane Control(209-	AIZ	SCI.K-12.B.4	their characteristics and relationships, and			
256)	AK	SCI.K-12.B.4	natural forces and their effects.			
			develop an understanding of the processes of			
Tools of			science used to investigate problems, design and conduct repeatable scientific investigations,			
Aeronautics(257-326)	AK	SCI.K-12.A.1	and defend scientific arguments;			
Acionaulics(201-020)	AIX	001.IX-12.A.1	develop an understanding of motions, forces,			
			their characteristics and relationships, and			
How an Airplane Flies	AK	SCI.K-12.B.4	natural forces and their effects.			
110W diff diplane 1 lies	7 11 2	001.IK 12.D.4	develop an understanding of the processes of			
			science used to investigate problems, design			
The Tools of			and conduct repeatable scientific investigations,			
Aeronautics	AK	SCI.K-12.A.1	and defend scientific arguments;			
			develop an understanding of the processes of			
			science used to investigate problems, design			
			and conduct repeatable scientific investigations,			
Science of Flight	AK	SCI.K-12.A.1	and defend scientific arguments;			
			develop an understanding of motions, forces,			
			their characteristics and relationships, and			
Science of Flight	AK	SCI.K-12.B.4	natural forces and their effects.			
			develop an understanding of how scientific			
			knowledge and technology are used in making			
			decisions about issues, innovations, and			
Science of Flight	AK	SCI.K-12.E.1	responses to problems and everyday events;			
			develop an understanding of the			
Onlaw and Ellert	A 1.6	0011/ 40 54	interrelationships among individuals, cultures,			
Science of Flight	AK	SCI.K-12.F.1	societies, science, and technology;			
			develop an understanding that historical			
			perspectives of scientific explanations			
Science of Flight	AK	SCI.K-12.G.1	demonstrate that scientific knowledge changes			
Science of Flight	AN	3CI.N-12.G.1	over time, building on prior knowledge; develop an understanding that scientific			
			knowledge is ongoing and subject to change as			
			new evidence becomes available through			
			experimental and/or observational			
Science of Flight	AK	SCI.K-12.G.3	confirmation(s); and			
CS.O.100 O. F. light		33 12.3.0	develop an understanding that historical			
			perspectives of scientific explanations			
Integrating with			demonstrate that scientific knowledge changes			
Aeronautics	AK	SCI.K-12.G.1	over time, building on prior knowledge;			

Intro to Aeronautics (109-123)	AK	SCI.K-12.G.1	develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge;
Intro to Aeronautics (109-123)	AK	SCI.K-12.G.3	develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s); and
Scientific Method(124-144)	AK	SCI.K-12.A.1	develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments;
Scientific Method(124-144)	AK	SCI.K-12.G.3	develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s); and